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Hydrophillic 1,2-substd-5-nitroimidazoles bactericides - and fungicides

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Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2035905	A					197207 B
FR 2103069	A					197228

Priority Applications (No Type Date): DE 2035905 A 19700720

Abstract (Basic): DE 2035905 A

Title cpds. of formula (I): are water-sol. bactericides and fungicides prepd. by reacting 1-substd. -2-Me-5-nitroimidazole with an aromatic aldehyde contg. at least one substituent possessing a hydrophilic function or is convertible to such, in a strongly basic medium. In an example

1-(1-Me-5-nitro-2-imidazolyl)-2-(3-MeP-phenyl)-ethylene was prepd. by reaction of 1,2-diMe-5-nitro-imidazole with 3-MeO-benzaldehyde in EtOH contg. K t-butyrate.

Title Terms: SUBSTITUTE; BACTERIA; FUNGICIDE

Derwent Class: B03; C02

International Patent Class (Additional): C07D-049/36

File Segment: CPI

Manual Codes (CPI/A-N): B07-D09; B12-A01; B12-A02; C07-D09; C12-A01; C12-A02

Chemical Fragment Codes (M2):

01 H1 H2 H3 H7 M123 M125 M126 M133 M282 M210 M220 M225 M226 M231 M232
M233 M270 M281 M311 M312 M313 M314 M315 M316 M332 M334 M321 M280
M342 M340 M370 M391 F211 F431 F521 F522 F020 F021 G100 G040 M532
M531 G050 L140 H121 H141 H161 H181 H201 H321 H541 H721 P220 P241
P242 M510 M521 M522 M530 M540 M541 M710 M413 M902

02 H1 H2 H3 H7 M123 M125 M126 M133 M282 M210 M220 M225 M226 M231 M232
M233 M270 M281 M311 M312 M313 M314 M315 M316 M332 M334 M321 M280
M342 M340 M370 M391 F211 F431 F521 F522 F020 F021 G100 G040 M532
M531 G050 L140 H121 H141 H161 H181 H201 H321 H541 H721 P002 P001
P220 P241 P242 M510 M521 M522 M530 M540 M541 M710 M413 M902

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